



# Weather Briefing

## July 18, 2015



**National Weather Service**  
**Detroit/Pontiac, MI**

<http://www.weather.gov/dtx>

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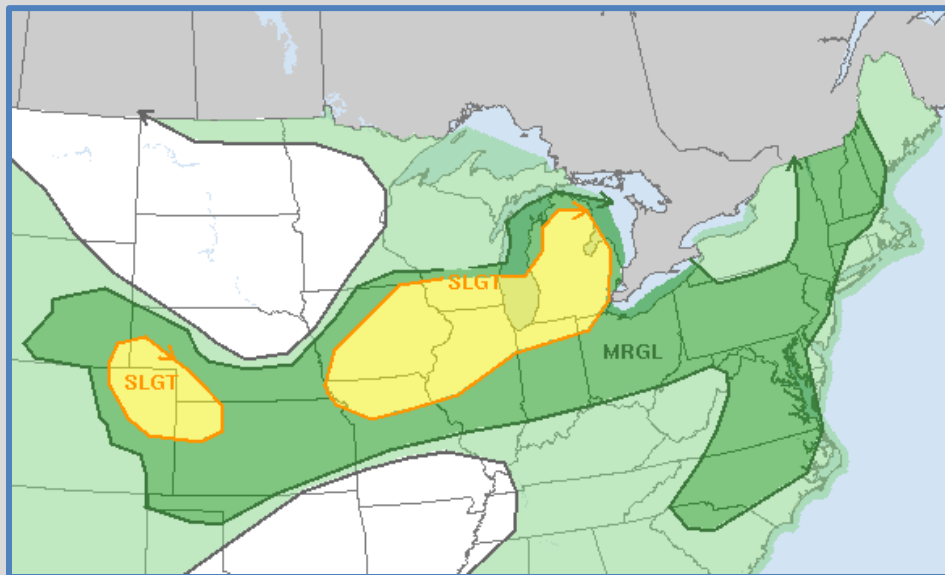
# Hazard Summary



## Slight Risk This Afternoon Through Tonight

### Severe Weather Outlook This Afternoon through Tonight

- ✓ Hot and humid conditions will create plenty of instability through tonight.
- ✓ Weak forcing means thunderstorms could develop anytime
- ✓ Great uncertainty in timing and location of any thunderstorm development
- ✓ Slight Chance any of these storms could be severe
- ✓ Damaging Wind is greatest threat

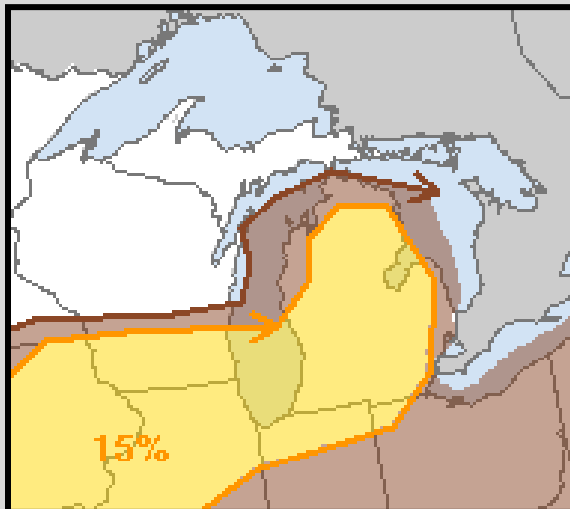


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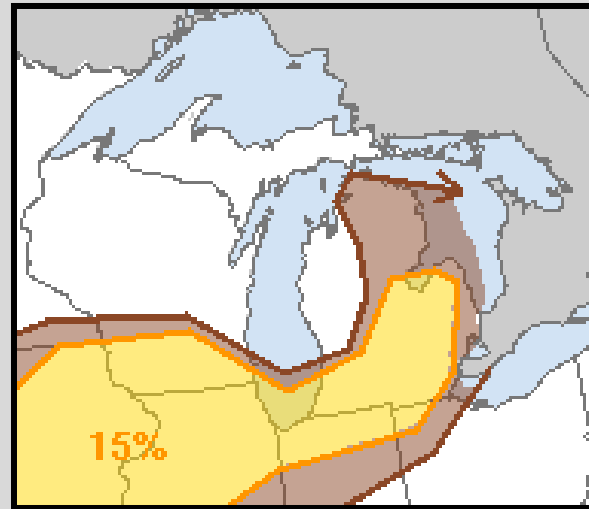
# Severe Weather Threats

## Today



### Damaging Winds

**60 mph and Stronger  
Greatest Threat**



### Large Hail

**Isolated Hail around  
1" in diameter**

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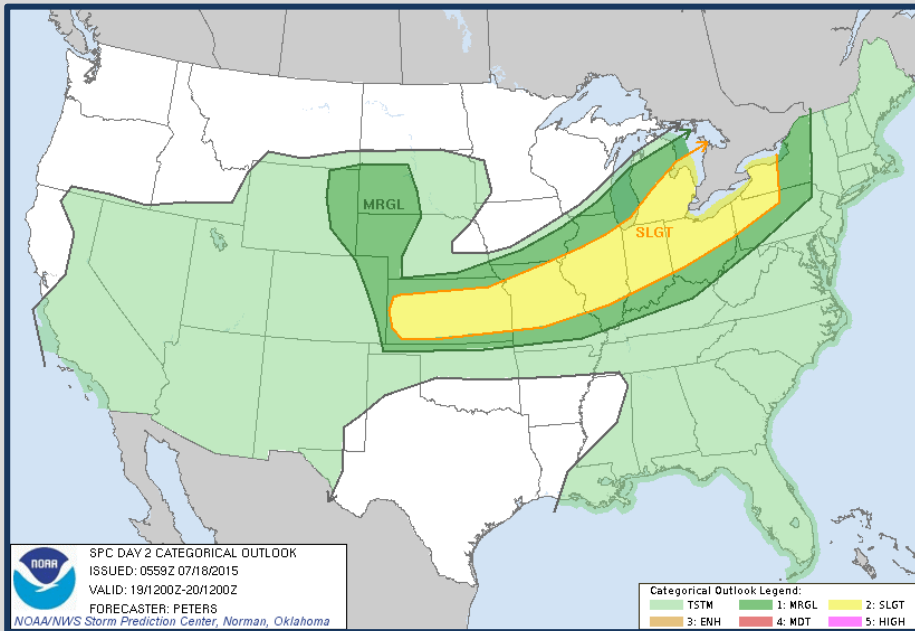


# Severe Weather Outlook

## Slight Risk Tomorrow



### Sunday, July 19



**Categorical Severe Weather Outlook**

- ✓ Hot and humid conditions will remain in place Sunday.
- ✓ Cold front to move through Southeast Michigan during Sunday afternoon.
- ✓ Still uncertainty in thunderstorm development depending on the evolution of overnight thunderstorms
- ✓ Slight Chance the storms could be severe on Sunday
- ✓ Damaging Wind is greatest threat

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# Severe Weather Details

## This Afternoon Through Sunday



### What

- Thunderstorms over Lower Michigan this morning will impact future thunderstorm development this afternoon and evening.
- Additional storms to developing over and near Lower Michigan this afternoon and tonight.
- Storms will move from west to east around 20 mph. However if the storms become organized they could move to the east at 40 to 50 mph.
- **Greatest Threat:** Damaging Winds **Lesser Threat:** Large Hail, Localized Heavy Rainfall

### When

- Severe Weather is possible anytime this afternoon, overnight and Sunday

### Where

- All of Lower Michigan

### Forecast Confidence

- Moderate Confidence in storms developing over Lower Michigan this afternoon, tonight and Sunday.
- Moderate Confidence in some of these storms becoming severe
- Very Low Confidence in the timing and evolution of thunderstorm development



# Additional Information



**Local Hazards Page**

<http://w2.weather.gov/dtx/dtxhazards>

**Storm Prediction Center**

<http://www.spc.noaa.gov>

**NWS Detroit/Pontiac, MI**

<http://www.weather.gov/dtx>

Email: [w-dtx.webmaster@noaa.gov](mailto:w-dtx.webmaster@noaa.gov)



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